Amendments to the Specification:

The Office Action objected to the Abstract on page 26 because of the paragraph number "[0068]" should be deleted and in line 5, "form" should be changed to "from". Therefore, please replace the Abstract with the following amended paragraph:

"Packet round trip times (RTT) within a communication network are measured and from those measurements information regarding congestion conditions within the network is extracted. The RTT measurements are organized into an invariant distribution (a histogram) and an analytical tool which is designed to reveal periodicity information (such as a Fourier or wavelet transform, etc.) is applied to the distribution to obtain a period plot. From this period plot, bandwidth information (indicative of the congestion conditions and/or link capacities within the network) can be obtained."

Please replace paragraph [0001] on page 2 with the following amended paragraph. The amendments include the U.S. Patent Application No. and the filing date which were previously unavailable. No new matters are introduced.

"[0001] This application hereby claims the priority benefit of and is a continuation-in-part of co-pending U.S. Patent Application No. 09/846,451, entitled "METHOD OF REDUCING PACKET LOSS IN BY RESONANCE IDENTIFICATION COMMUNICATION NETWORKS", filed April 30, 2001, Attorney Docket No. 003997.P006."